

**Comprehensive Site Profile (Sum-8)****Portsmouth Gaseous Diffusion Plant - Most Current Actual Data**

Data Sources: Facility Information Management System - November 2003  
EM Corporate - FY 2001 Update  
Pollution Prevention - 2002  
Materials in Inventory - 1996

Facility Status	Reported Number of Facilities
Operating	2
Operational Standby	0
Shutdown Pending Transfer	0
Shutdown Pending D&D	0
D&D in Progress	0
Operating Pending D&D	7
Operating Under an Outgrant	0
Transfer to Another Federal Agency	0
Sale	0
Demolished	0
Deactivation	0
Shutdown Pending Disposal	0
No Information Provided	0
<b>Total</b>	<b>9</b>

Hazard Category Group *	Reported Number of Facilities
Radiological	38
Chemical Hazard	3
Radiological & Chemical Hazard	2
Not Applicable	235
No Information Provided	0
<b>Total</b>	<b>278</b>

\* For the purposes of the CID, facilities with a "Radiological" Hazard Category Group are broadly defined to include those facilities that meet the definition for either Nuclear Facility Category 1, Nuclear Facility Category 2, Nuclear Facility Category 3, or Radiological Facility as defined in DOE Standard 1027-92. Facilities with a "Chemical Hazard" Hazard Category Group are those that contain quantities of chemicals that exceed the threshold quantity for those chemicals as defined by OSHA's Chemical Process Safety regulation 29 CFR 1910.119, Appendix A. Facilities with a "Radiological and Chemical Hazard" Hazard Category Group are those that meet the Radiological and Chemical Hazard definition. The Hazard Category Group of "Not Applicable" refers to facilities that do not meet either the Radiological or Chemical Hazard definition. "No Information Provided" is listed for a facility when no information pertaining to the Hazard Category Group is available.

**Radioactive Waste Summary - 2000 Actual Data**

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*			Reporting Period Disposition Quantity (m3)*			Ending Inventory (m3)
		New	Process Outputs	Receipts	Treatment	Disposal	Other	
Low Level Waste	17,433.0000	8,582.500	0.000	0.000	0.000	3,638.000	0.000	13,259.00
Mixed Low Level Waste	7,020.9000	5,975.640	0.000	0.000	3.870	78.000	0.000	10,805.36

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.

\* For Vitrified HLW, quantities are shown in "Number of HLW Canisters."

HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

**Ex-Situ Contaminated Media Summary - 2000 Actual Data**

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*	Reporting Period Dispositions (m3)*			Ending Inventory (m3)*
			Treatment	Disposal	Other	
Mixed Low Level Waste	0.0000	28.939	0.000	28.939	0.000	0.0000

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.

HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

Reported quantities do not include Groundwater or Wastewater.

**Non-Radioactive Hazardous Waste**

Classification	Waste Type	Amount (Metric Tons)
<b>Hazardous</b>	Non Routine RCRA	4.37
	Routine RCRA	0.00
	Non Routine State	0.00
	Routine State	0.00
	Non Routine TSCA	0.09
	Routine TSCA	0.00
<b>Sanitary</b>	Non Routine	0.00
	Routine	0.00
<b>Total</b>		4.46

**Materials in Inventory (1996 Information Only)**

Material Name	Material Category	Material Volume
Low Enriched Uranium	Natural & Enriched Uranium	57,252.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	7,178.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	2,038.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	743.00 Kilograms
Depleted Uranium	Depleted Uranium	3,000.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	7,562.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	431.00 Kilograms
Stainless Steel	Scrap Metal and Equipment	44.00 Tons
Carbon Steel	Scrap Metal and Equipment	10,852.00 Tons
Aluminum	Scrap Metal and Equipment	345.00 Tons
Monel	Scrap Metal and Equipment	1.00 Tons
Bronze	Scrap Metal and Equipment	7.00 Tons
Copper	Scrap Metal and Equipment	184.00 Tons
Depleted Uranium	Depleted Uranium	12,239,834.48 Kilograms
Depleted Lithium	Lithium	18,083,173.00 Kilograms

Strategic Lithium (6Li)	Lithium	3,175.00 Kilograms
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